

Recombinant Human LHCGR protein, His-tagged

Cat. No. LHCGR-023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LHCGR protein(NP_000224)(49-219 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	49-219 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	AGLTRLSLAYLPVKVIPSQAFRGLNEVIKIEISQIDSLERIEANAFDNLNLSEILIQNTK NLRVIEPGAFINLRLKYLSCNTGIRKFPDVTKVFSSESNFILICDNLHITTIPGNAFQ GMNNESTLTKLYGNGFEEVQSHAFNGTTLTSLELKENVHLEKMHNGAFR
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	LHCGR luteinizing hormone/choriogonadotropin receptor [Homo sapiens]
Official Symbol	LHCGR
Synonyms	LHCGR; luteinizing hormone/choriogonadotropin receptor; HHG, hypergonadotropic hypogonadism; lutropin-choriogonadotropic hormone receptor; LCGR; LGR2; LHR; ULG5; hypergonadotropic hypogonadism; lutropin/choriogonadotropin receptor; HHG; LHRHR; LSH-R; LH/CGR; LH/CG-R; FLJ41504;
Gene ID	3973
mRNA Refseq	NM_000233
Protein Refseq	NP_000224
MIM	152790
UniProt ID	P22888

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